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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/002,285	12/05/2001	Hideto Miyazaki	0925-0190P-SP	2135

2292 7590 05/19/2004

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EXAMINER

NGUYEN, JOSEPH D

ART UNIT	PAPER NUMBER
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2683

DATE MAILED: 05/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/002,285

Applicant(s)

MIYAZAKI ET AL.

Examiner

Joseph D Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 December 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 3.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Siddiqui et al. (6,292,666) in view of Lambert et al. (6,470,447).

Regarding claim 1, Siddiqui et al. discloses a radio communication device (abstract, fig. 1) comprising:

a) a position detector for detecting the current position of a radio communication device (determine the current country) (abstract, fig. 1-6, col. 1 line 16 thru col. 2 line 56);

b) a memory for storing information of a domain and radio communication system information corresponding of said domain (#27 fig. 3, col. 4 line 9 thru col. 6 line 40). However, Siddiqui et al. does not specifically disclose a selection unit for selecting a radio communication system corresponding to said domain, to which said current position belongs, on the basis of said current position detected by said position detector, said domain information stored in said memory and the radio communication system information corresponding to said domain, and a radio communication unit for

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performing at least transmissions on the basis of said radio communication system selected by said selection unit.

Lambert et al. teaches the radio communication unit comprising a selection unit for selecting a radio communication system corresponding to said domain, to which said current position belongs, on the basis of said current position detected by said position detector, said domain information stored in said memory and the radio communication system information corresponding to said domain, and a radio communication unit for performing at least transmissions on the basis of said radio communication system selected by said selection unit (abstract, fig. 1-2, col. 2 lines 35-65, and col. 5 line 30 thru col. 6 line 67. Therefore, it would have been obvious to one ordinary skilled in the art at the time the invention was made to modify Siddiqui et al. system with the teaching of Lambert et al. of a selecting a radio communication system and performing transmission in order to ensuring conformance of a mobile device's communications to different countries, even when the device crosses a country boundary during communication.

Regarding claim 2, Siddiqui et al. further discloses a radio communication device according to claim 1, wherein said domain information are country domain information or administrative division domain information in individual countries (abstract, fig. 3-6, col. 5 lines 18-60).

Regarding claim 3, Siddiqui et al. further discloses a radio communication device according to claim 1, further comprising an output unit for outputting, when said radio communication system is to be changed, predetermined information on the change of

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said radio communication system (new country and warning are displayed on MS prior to update location) (abstract, fig. 1-6, col. 1 line 16 thru col. 2 line 55, and col. 5 line 18 thru col. 7 line 9).

Regarding claim 4, Siddiqui et al. further discloses a radio communication device according to claim 1, wherein said radio communication unit includes an information transmission unit for transmitting, when said radio communication system is to be changed to a different radio communication system, information for promoting the change to said different radio communication system, to the other end unit in radio communications (col. 4 line 9 thru col. 6 line 11).

Regarding claim 5, Siddiqui et al. further discloses a radio communication device according to claim 4, further comprising an output unit for outputting, when said radio communication system is to be changed, information of the other end unit on the change of said radio communication system (fig. 3-6, col. 5 line 18 thru col. 7 line 9).

Regarding claim 6, Siddiqui et al. further discloses a radio communication device according to claim 1, further comprising an update unit for updating the domain information, as stored in said memory, and the radio communication system information corresponding to said domain, on the basis of update information received by said radio communication unit (col. 5 line 50 thru col. 6 line 57).

Regarding claim 7, Siddiqui et al. further discloses a radio communication device according to claim 1, further comprising an update unit for updating the domain information, as stored in said memory, and the radio communication system

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information corresponding to said domain, on the basis of update information stored in a removable memory medium (#27 fig. 3, col. 4 lines 9-30).

Regarding claim 8, Siddiqui et al. further discloses a radio communication device according to claim 7, wherein said removable memory medium is a memory disk or a memory card (#27 fig. 3, col. 4 lines 9-30).

Regarding claim 9, Siddiqui et al. further discloses a radio communication device according to claim 1, wherein said radio communication device is carried on a mover, and wherein said position detector utilizes the current position information of said mover, as obtained from a navigation system (col. 1 lines 16-30, and col. 4 line 31 thru col. 5 line 17).

3. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Siddiqui et al. (6,292,666) in view of Lambert et al. (6,470,447) and further in view of Halminen (6,477,378).

Regarding claim 10, in the modify Siddiqui et al. system, Siddiqui et al. further discloses a radio communication device according to claim 1, the radio communication system. However, Siddiqui et al. does not specifically disclose the radio communication system is a Bluetooth radio communication system.

Halminen teaches the radio communication system is a Bluetooth radio communication system (fig. 1, and 3-5). Therefore, it would have been obvious to one skilled in the art at the time the invention was made to modify the Siddiqui et al. system

with the teaching of Halminen of Bluetooth communication in order to communicate in short range for low power radio frequency.

4. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

703 308-9051, (for formal communication intended for entry)

Or:

(703) 305-9509 (for informal or draft communications, please label

"PROPOSED" OR "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington, VA. Sixth floor (Receptionist).

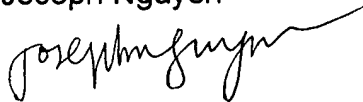
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph D Nguyen whose telephone number is (703) 605-1301. The examiner can normally be reached on 7:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (703) 308-5318. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

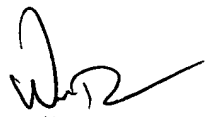
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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

Joseph Nguyen



May. 14, 2004



WILLIAM TROST
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600